



Abstract of an Accident

92-1

ACCIDENT TYPE: Electric shock causing worker to fall from power pole
INJURY: Compound fracture both feet and laceration to head
TYPE OF WORK: Electrical power distribution 4160/2400Volt
EQUIPMENT: Pole mounted transformer 2400V Primary 220V Sec.
SAFETY EQUIPMENT: None in use at the time of the accident

DESCRIPTION OF THE ACCIDENT:

Victim came in contact with an energized electrical service causing the worker to fall that resulted in compound fractures to both feet and a one and a half inch laceration to the victim's head.

DIRECT CAUSE:

Proper safe clearance procedures were not maintained to remove risk of electric shock

CONTRIBUTING CAUSES:

- Safety equipment such as; high voltage blankets, gloves, and hood were not utilized when working on or near energized electrical
- Safety belt was disconnected to negotiate interference on the pole instead of using two belts to prevent fall when climbing
- Improper ground connection on the existing pole
- The use of a ladder to gain access to work area on energized electrical circuits
- Contractor's approved safety plan was not implemented

LESSONS LEARNED:

- The contractor's approved safety plan is essential and should be implemented
- An electrical power outage is essential when working on energized circuits
- A linesman bucket truck would have minimized the risk of exposure to shock hazard and fall
- Safety procedures and established safety practices are essential and should be followed without deviation

Your **SAFETY** contact is...